

IN THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

1 (Currently Amended). An electro-optical device comprising a light shielding portion consisting essentially of a first colored layer and a second colored layer;

wherein the light shielding portion is formed overlapping a channel forming region of a switching element provided over a substrate;

wherein the light shielding portion is provided under an opposing substrate; ~~and,~~

wherein a liquid crystal is between said light shielding portion and said channel forming region; ~~and~~[[,]]

wherein a pixel electrode electrically with the switching element comprises a transparent conductive film.

2 (Previously Presented). A device according to claim 1, wherein the first colored layer is blue; and wherein the second colored layer is red.

3-5 (Cancelled).

6 (Previously Presented). A device according to claim 1, wherein the electro-optical device is a transmissive liquid crystal display device.

7 (Currently Amended). A device according to claim 1, wherein the electro-optical device is selected from the group consisting of a personal computer, a video camera, a portable information terminal, a digital camera, a digital versatile disc player or an optical game machine.

8 (Currently Amended). An electro-optical device comprising:

a thin film transistor formed over a substrate; and

a light shielding portion provided under an opposing substrate, said light shielding portion consisting essentially of a first colored layer and a second colored layer,

wherein the light shielding portion is formed overlapping a channel forming region of the thin film transistor; and,

wherein a liquid crystal is between said light shielding portion and said channel forming region; and [[,]]

wherein a pixel electrode connected electrically with the ~~switching element~~ thin film transistor comprises a transparent conductive film.

9 (Previously Presented). A device according to claim 8, wherein the first colored layer is blue; and wherein the second colored layer is red.

10 (Previously Presented). A device according to claim 8, wherein the second colored layer is red.

11 (Previously Presented). A device according to claim 8, wherein the electro-optical device is a transmissive liquid crystal display device.

12 (Previously Presented). A device according to claim 8, wherein the electro-optical device is selected from the group consisting of a personal computer, a video camera, a portable information terminal, a digital camera, a digital versatile disc player or an optical game machine.

13 (Currently Amended). An electro-optical device comprising:
a first pixel electrode provided over a substrate; and
a light shielding portion consisting essentially of a first colored layer and a second colored layer,

wherein the light shielding portion is formed so as to cover a region between said first pixel electrode and a second pixel electrode adjacent to said first pixel electrode;
wherein the light shielding portion is provided under an opposing substrate; and[[],]
wherein a liquid crystal is between said light shielding portion and said region.

14 (Previously Presented). A device according to claim 13, wherein the first colored layer is blue; and wherein the second colored layer is red.

15 (Cancelled).

16 (Previously Presented). A device according to claim 13, wherein a switching element is connected to said first pixel electrode.

17 (Cancelled).

18 (Previously Presented). A device according to claim 13, wherein the electro-optical device is a transmissive liquid crystal display device.

19 (Previously Presented). A device according to claim 13, wherein the electro-optical device is selected from the group consisting of a personal computer, a video camera, a portable information terminal, a digital camera, a digital versatile disc player or an optical game machine.

20 (Previously Presented). A device according to claim 13, wherein said first pixel electrode is connected to a thin film transistor formed over the substrate, and wherein said light shielding portion is formed overlapping a channel forming region of the thin film transistor.

21 (Currently Amended). An electro-optical device comprising:

a light shielding portion comprising a first colored layer and a second colored layer, and[[;]]

a plurality of pixel openings, one of a part extended from the first colored layer, a part extended from the second layer, and a third colored layer provided on each of said plurality of pixel openings;

wherein the light shielding portion is formed overlapping a channel forming region of a switching element provided over a substrate;

wherein the light shielding portion is provided under an opposing substrate[[],];

wherein a liquid crystal is between said light shielding portion and said channel forming region; and,

wherein said light shielding portion does not include the third colored layer[[,]]; and
wherein said a first pixel electrode connected to the switching element comprises a transparent conductive film.

22 (Previously Presented). A device according to claim 21, wherein the first colored layer is blue,

wherein the second colored layer is red; and wherein the third colored layer is green.

23 (Previously Presented). A device according to claim 21, wherein the electro-optical device is a transmissive liquid crystal display device.

24 (Currently Amended). A device according to claim 21, wherein the electro-optical device is selected from the group consisting of a personal computer, a video camera, a portable information terminal, a digital camera, a digital versatile disc player or an optical game machine.

25 (Currently Amended). An electro-optical device comprising:
a thin film transistor formed over a substrate;
a light shielding portion provided under an opposing substrate, said light shielding portion comprising a first colored layer and a second colored layer; and
a plurality of pixel openings, one of a part extended from the first colored layer, a part extended from the second layer, and a third colored layer provided on each of said plurality of pixel openings,

wherein the light shielding portion is formed overlapping a channel forming region of the thin film transistor;

wherein a liquid crystal is between said light shielding portion and said channel forming region, ~~and~~;

wherein said light shielding portion does not include a third colored layer; and

wherein ~~said~~ a first pixel electrode connected electrically with the ~~switching element~~ thin film transistor comprises a transparent conductive film.

26 (Previously Presented). A device according to claim 25, wherein the first colored layer is blue,

wherein the second colored layer is red; and wherein the third colored layer is green.

27 (Previously Presented). A device according to claim 25, wherein transmissive liquid crystal display device.

28 (Previously Presented). A device according to claim 25, wherein the electro-optical device is selected from the group consisting of a personal computer, a video camera, a portable information terminal, a digital camera, a digital versatile disc player or an optical game machine.

29 (Previously Presented). An electro-optical device comprising:

a first pixel electrode provided over a substrate; and

a light shielding portion comprising a first colored layer and a second colored layer,

a plurality of pixel openings, one of a part extended from the first colored layer, a part extended from the second layer, and a third colored layer provided on each of said plurality of pixel openings,

wherein the light shielding portion is formed so as to cover a region between said first pixel electrode and a second pixel electrode adjacent to said first pixel electrode;

wherein the light shielding portion is provided under an opposing substrate;

wherein a liquid crystal is between said light shielding portion and said region[[],]; and[[],]

wherein said light shielding portion does not include the third colored layer.

30 (Previously Presented). A device according to claim 29, wherein the first colored layer is blue, wherein the second colored layer is red; and wherein the third colored layer is green.

31 (Currently Amended). A device according to claim 29, wherein a switching element is connected to ~~one~~ of said first pixel electrodes.

32 (Previously Presented). A device according to claim 29, wherein the electro-optical device is a transmissive liquid crystal display device.

33 (Previously Presented). A device according to claim 29, wherein the electro-optical device is selected from the group consisting of a personal computer, a video camera, a portable information terminal, a digital camera, a digital versatile disc player or an optical game machine.

34 (Previously Presented). A device according to claim 29, wherein one of said first pixel electrodes is connected to a thin film transistor formed over the substrate, and wherein said light shielding portion is formed overlapping a channel forming region of the thin film transistor.

35-42 (Cancelled).

43(Currently Amended). A device according to claim 1, further comprising:
a source line connected with the switching element electrically;
an insulating film over said source line; [[and]]
a gate wiring over said insulating film; and
said liquid crystal over said gate wiring.

44(Currently Amended). A device according to claim 8, further comprising:
a source line connected with the switching element electrically;
an insulating film over said source line; [[and]]
a gate wiring over said insulating film; and
said liquid crystal over said gate wiring.

45(Currently Amended). A device according to claim 13, further comprising:
a source line connected with said first pixel electrode electrically;
an insulating film over said source line; [[and]]
a gate wiring over said source line; and

said liquid crystal over said gate wiring.

46(Currently Amended). A device according to claim 21, further comprising:
a source line connected with said first pixel electrode electrically;
an insulating film over said source line; [[and]]
a gate wiring over said source line; and
said liquid crystal over said gate wiring.

47(Currently Amended). A device according to claim 25, further comprising:
a source line connected with said first pixel electrode electrically;
an insulating film over said source line; [[and]]
a gate wiring over said source line; and
said liquid crystal over said gate wiring.

48(Currently Amended). A device according to claim 29, further comprising:
a source line connected with said first pixel electrode electrically;
an insulating film over said source line; [[and]]
a gate wiring over said source line; and
said liquid crystal over said gate wiring.

49(Currently Amended). An electro-optical device comprising a first colored layer, a second colored layer, and a third colored layer;

wherein a light shielding portion comprises said first colored layer and said second colored layer, and:

wherein said light shielding portion does not include said third colored layer;

wherein a leveling film is provided over said light shielding portion; and

wherein the electro-optical device is a transmissive liquid crystal display device in which a pixel electrode is made of a transparent conductive film.

50 (Previously Presented). A device according to claim 49, wherein the first colored layer is blue, wherein the second colored layer is red; and wherein the third colored layer is green.

51-52 (Cancelled).

53 (Previously Presented). A device according to claim 49, wherein the electro-optical device is selected from the group consisting of a personal computer, a video camera, a portable information terminal, a digital camera, a digital versatile disc player or an optical game machine.

54 (Cancelled).

55 (Currently Amended). A device according to claim 49, wherein a liquid crystal is between said light shielding portion and said a channel forming region of a thin film transistor.

56 (Cancelled).

57 (Currently Amended). A device according to claim [[54]] 49, further comprising:
a source line connected with said ~~first~~ pixel electrode electrically;
an insulating film over said source line; [[and]]
a gate wiring over said source line; and
said liquid crystal over said gate wiring.

58 (Currently Amended). An electro-optical device comprising a first colored layer, a second colored layer, and a third colored layer;
wherein a light shielding portion comprises said first colored layer and said second colored layer, and
wherein a part of said light shielding portion overlaps with an orientation film in a driving circuit portion.

59 (Previously Presented). A device according to claim 58, wherein the first colored layer is blue,
wherein the second colored layer is red; and wherein the third colored layer is green.

60 (Previously Presented). A device according to claim 58, wherein the light shielding portion is provided under an opposing substrate.

61 (Currently Amended). A device according to claim 58, wherein the electro-optical device is a transmissive liquid crystal display device in which [[the]] a pixel electrode is made of a transparent conductive film.

62 (Previously Presented). A device according to claim 58, wherein the electro-optical device is selected from the group consisting of a personal computer, a video camera, a portable information terminal, a digital camera, a digital versatile disc player or an optical game machine.

63 (Currently Amended). A device according to claim 58, wherein a pixel electrode is connected to a thin film transistor formed over [[the]] a substrate, and said light shielding portion is formed overlapping a channel forming region of [[the]] a thin film transistor.

64 (Currently Amended). A device according to claim [[58]] 63, wherein a liquid crystal is between said light shielding portion and said channel forming region.

65 (Previously Presented). A device according to claim 58, wherein said light shielding portion does not include said third colored layer.

66 (Currently Amended). A device according to claim 63, further comprising:
a source line connected with said ~~first~~ pixel electrode electrically;
an insulating film over said source line; [[and]]
a gate wiring over said source line; and
said liquid crystal over said gate wiring.

67 (Currently Amended). An electrical equipment having a display portion;
wherein said display portion includes a first colored layer, a second colored layer, and a
third colored layer; [[and]]

wherein a light shielding portion comprises said first colored layer and said second colored layer;

wherein the light shielding portion is formed overlapping a channel forming region of a switching element provided over a substrate;

wherein the light shielding portion is provided under an opposing substrate;

wherein a liquid crystal is between said light shielding portion and said channel forming region;

wherein a pixel electrode electrically connected with the switching element comprises a transparent conductive film; and

wherein said light shielding portion does not include said third colored layer.

68 (Previously Presented). An electrical equipment according to claim 67, wherein the first colored layer is blue,

wherein the second colored layer is red; and wherein the third colored layer is green.

69-70 (Cancelled).

71 (Currently Amended). An electro-optical device having electrical equipment according to claim 67, wherein the electro-optical device is selected from the group consisting of a personal computer, a video camera, a portable information terminal, a digital camera, a digital versatile disc player or an optical game machine.

72-74 (Cancelled).

75 (Currently Amended). An electrical equipment according to claim 67, further comprising:

a source line connected with said ~~first~~ pixel electrode electrically;

an insulating film over said source line; [[and]]

a gate wiring over said source line; and

said liquid crystal over said gate wiring.

76 (Currently Amended). A portable telephone having a display portion;

wherein said display portion includes a first colored layer, a second colored layer, and a third colored layer; [[and]]

wherein a light shielding portion comprises said first colored layer and said second colored layer;

wherein the light shielding portion is formed overlapping a channel forming region of a switching element provided over a substrate;

wherein the light shielding portion is provided under an opposing substrate;

wherein a liquid crystal is between said light shielding portion and said channel forming region;

wherein a pixel electrode electrically connected with the switching element comprises a transparent conductive film; and

wherein said light shielding portion does not include said third colored layer.

77 (Previously Presented). A portable telephone according to claim 76, wherein the first colored layer is blue,

wherein the second colored layer is red; and wherein the third colored layer is green.

78-83 (Cancelled).

84 (Currently Amended). An electrical equipment according to claim [[81]] 76, further comprising:

a source line connected with said ~~first~~ pixel electrode electrically;

an insulating film over said source line; [[and]]

a gate wiring over said source line; and

the liquid crystal over said gate wiring.